



POWER OF ATTORNEY FROM ASSIGNEE

Human Genome Sciences, Inc., a corporation of Delaware, having a principal place of business at 9410 Key West Avenue, Rockville, Maryland 20850, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on 6/10 + 16/98 of an invention known as GABA_A Receptor Epsilon Subunits (Attorney Docket No. 1488.0950001), which is disclosed and claimed in a patent application of the same title by the inventors Michael C. Hanna and Ewen F. Kirkness (said application filed on February 26, 1998 at the U.S. Patent and Trademark Office, having Application Number 09/030,832).

The Assignee hereby appoints the following U.S. attorneys to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: Robert Greene Sterne, Registration No. 28,912; Edward J. Kessler, Registration No. 25,688; Jorge A. Goldstein, Registration No. 29,021; Samuel L. Fox, Registration No. 30,353; David K.S. Cornwell, Registration No. 31,944; Robert W. Esmond, Registration No. 32,893; Tracy-Gene G. Durkin, Registration No. 32,831; Michele A. Cimbala, Registration No. 33,851; Michael B. Ray, Registration No. 33,997; Robert E. Sokohl, Registration No. 36,013; Eric K. Steffe, Registration No. 36,688; Michael Q. Lee, Registration No. 35,239; Robert H. Benson, Registration No. 30,446; A. Anders Brookes, Registration No. 36,373; Kenley K. Hoover, Registration No. 40,302; and James H. Davis, Registration No. 40,582. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

Sterne, Kessler, Goldstein & Fox P.L.L.C.
1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
U.S.A.

Direct phone calls to 202-371-2600.

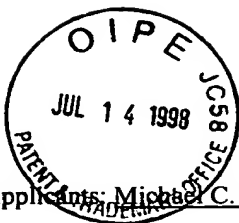
FOR: Human Genome Sciences, Inc.

SIGNATURE: James H. Davis

BY: James H. Davis

TITLE: Senior Vice President - General Counsel

DATE: June 24, 1998



Certificate Under 37 C.F.R. § 3.73(b)

Applicants: Michael C. Hanna and Ewen F. Kirkness

Application No: 09/030,832

Filed: February 26, 1998

For: GABA_A Receptor Epsilon Subunits

Human Genome Sciences, Inc.

(Name of Assignee)

, a corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is an assignee of the patent application identified above by virtue of either:

A. ☐ An Assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel to be recorded, Frame to be recorded, or for which a copy thereof is attached.

[or]

B. ☒ A chain of title from the inventors of the patent application identified above to the current assignee as shown below:

1. From: Michael C. Hanna and Ewen F. Kirkness To: The Institute for Genomic Research

The document was recorded in the Patent and Trademark Office at

Reel to be recorded, Frame to be recorded, or for which a copy thereof is attached.

2. From: The Institute for Genomic Research To: Human Genome Sciences, Inc.

The document was recorded in the Patent and Trademark Office at

Reel to be recorded, Frame to be recorded, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: ☒ June 24, 1998

Name: ☒ James H. Davis

Title: ☒ Senior Vice President - General Counsel

Signature: ☒ James H. Davis

ASSIGNMENT

DO NOT FORWARD
TO ASSIGNMENT BRANCH
NOT FOR RECORDATION

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: Michael C. Hanna and Ewen F. Kirkness, the undersigned hereby sell and assign to The Institute for Genomic Research (the Assignee) their entire right, title and interest

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),
☒ and throughout the world,

in the invention(s) known as GABA_A Receptor Epsilon Subunits for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 6/16/98; 6/15/98 ^{EM # 86,688} (also known as United States Application No. 09/030,832, filed February 26, 1998), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including the right to collect for all past, present and future damages, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represent that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; and Michael Q. Lee, Esquire, Registration No. 35,239, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, and Robert H. Benson, Esquire, Registration No. 30,446; A. Anders Brookes, Esquire, Registration No. 36,373; Kenley K. Hoover, Esquire, Registration No. 40,302; and James H. Davis, Esquire, Registration No. 40,582, of HUMAN GENOME SCIENCES, INC., 9410 Key West Avenue, Rockville, Maryland 20850, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the dates opposite their names.

Date: 6/16/98 Signature of Inventor: Michael C. Hanna
Michael C. Hanna
Date: 6/16/98 Signature of Inventor: Ewen F. Kirkness
Ewen F. Kirkness

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration, receipt of which is hereby acknowledged, The Institute for Genomic Research (the "Assignor") hereby sells and assigns to Human Genome Sciences, Inc. (the "Assignee") its entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), and throughout the world, in the invention(s) known as GABA_A Receptor Epsilon Subunits described and claimed in United States Application No. 09/030,832, filed February 26, 1998, in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all continuing applications, reissues, extensions, renewals and reexaminations of such applications or Letters Patent(s) to the full end of the term or terms for which such Letters Patent(s) issue, including the right to sue for and collect for all past, present and future damages, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The Assignor agrees to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The Assignor agrees to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The Assignor agrees to perform all affirmative acts that may be necessary to obtain a grant of a valid United States patent to the Assignee.

The Assignor hereby represents that Assignor has full right and authority to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict therewith.

The Assignor hereby grants Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K. S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; and Michael Q. Lee, Esquire, Registration No. 35,239, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, and Robert H. Benson, Esquire, Registration No. 30,446; A. Anders Brookes, Esquire, Registration No. 36,373; Kenley K. Hoover, Esquire, Registration No. 40,302; and James H. Davis, Esquire, Registration No. 40,582, of HUMAN GENOME SCIENCES, INC., 9410 Key West Avenue, Rockville, Maryland 20850 power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the Assignor on the date set forth below.

The Institute for Genomic Research

By:

Claire M. Fraser

✓

Claire M. Fraser, Ph. D.

[Type/Print Name]

Title:

✓

Vice President for Research

Date:

✓

6/17/98